

MEMORANDUM



To: Water Resource Advisory Commission

Copies: Henry Dean, Executive Director
Joseph A. Schweigart, P.E., Deputy Executive Director

From: Peter J. Kwiatkowski, P.G.
Lead Project Manager, Project Management Division

Subject: Rationale for Schedule Increase, Lake Okeechobee ASR Project

Date: August 27, 2001

At the August 2, 2001 Water Resource Advisory Commission, Chairman Collins requested a one-page memorandum documenting the reasons for the increase in the Lake Okeechobee ASR Project's end date from that listed in the Restudy document (June 17, 2020) to that of the current CERP Master Implementation Schedule (October 13, 2026). The extension of the project's end date is principally due to two factors:

1. Negotiation of a Single Design Agreement (covering all CERP projects) between USACE and the SFWMD, and preparation of the Master Program Management Plan. – This delay is common to all CERP projects and should result in efficiencies as other CERP projects are initiated (**Net increase: 13 months** [July 1, 1999 to August 10, 2000]).

2. Increased data collection and better defined permitting/design/construction requirements for the Lake Okeechobee ASR Pilot Project – This delay is due to several factors including:

- additional background source-water quality characterization– captures seasonal and storm event variability of surface water proposed for ASR storage (12 months)
- installing test wells prior to ASR wells – Project Delivery Team requirement to assist in final selection of ASR well sites (6 months)
- more realistic permitting/design/construction schedule (15 months)
- two years of cycle testing – FDEP requirement to provide greater opportunity to analyze geochemical reactions between stored water, native water, and aquifer matrix (12 months)
- technical data report – new deliverable documenting the entire pilot project, requiring scientific peer review (6 months) (**Net Increase: 51 months**)

Adding the specific schedule changes noted (**Net Increase: 64 months [5-1/3 years]**), results in a **revised completion date of October 13, 2025**. As noted above, the current CERP Master Implementation Schedule indicates a completion date of October 13, 2026 for the Lake Okeechobee ASR Project – a difference of one year. The CERP Master Implementation Schedule will be formally revised at its next regularly scheduled update (November 2001) to reflect the 5-1/3 year delay and correct completion date of October 13, 2025.